

INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO 22 APR 2005

International Application No

PCT/EP 03/11652

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04J3/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04J G06F H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 697 774 A (HEWLETT PACKARD CO) 21 February 1996 (1996-02-21) page 1, line 43 - line 55 page 4, line 1 - line 17 page 4, line 31 - line 58 page 5, line 1 - line 25 page 5, line 43 - line 44 page 6, line 52 figure 1 figure 2 ---	1-16
X	US 2002/133733 A1 (ABDEL-GHAFFAR HISHAM S) 19 September 2002 (2002-09-19) paragraph '0006! paragraph '0033! - paragraph '0038! paragraph '0046! figure 3 figure 4B ---	1,7-16
	-/-	

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

30 January 2004

Date of mailing of the international search report

09/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/131370 A1 (CHUAH MOOI CHOO ET AL) 19 September 2002 (2002-09-19) paragraph '0001! paragraph '0008! paragraph '0013! – paragraph '0020! figure 1 ---	1,7-16
X	EP 1 215 559 A (CHRYSALIS ITS INC) 19 June 2002 (2002-06-19) column 3, line 13 – line 36 column 6, line 7 – line 22 column 9, line 6 – line 17 column 9, line 51 – line 58 column 10, line 1 – line 6 column 10, line 43 – line 47 figure 1A figure 1B figure 7B figure 7E ---	1,7-16
X	FASBENDER A ET AL: "On assessing unidirectional latencies in packet-switched networks", COMMUNICATIONS, 1997. ICC '97 MONTREAL, TOWARDS THE KNOWLEDGE MILLENNIUM. 1997 IEEE INTERNATIONAL CONFERENCE ON MONTREAL, QUE., CANADA 8-12 JUNE 1997, NEW YORK, NY, USA, IEEE, US, PAGE(S) 490-494 XP010227065 ISBN: 0-7803-3925-8 Abstract paragraph '0001! paragraph '0002! paragraph '0004! figure 1 ---	1,7-16
A	US 2002/136335 A1 (SCHOLLMEIER RUEDIGER ET AL) 26 September 2002 (2002-09-26) paragraph '0002! paragraph '0020! paragraph '0023! paragraph '0029! paragraph '0030! paragraph '0032! paragraph '0054! – paragraph '0061! paragraph '0076! paragraph '0081! paragraph '0082! figure 6 figure 7 figure 9 ---	4 -/-

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PCT/EP 1652

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MILLS D L: "INTERNET TIME SYNCHRONIZATION: THE NETWORK TIME PROTOCOL", IEEE TRANSACTIONS ON COMMUNICATIONS, IEEE INC. NEW YORK, US, VOL. 39, NR. 10, PAGE(S) 1482-1493 XP000275311 ISSN: 0090-6778 Abstract page 4 page 8 figure 3 ----- WO 91 11763 A (US COMMERCE) 8 August 1991 (1991-08-08) page 4, line 13 - line 19 -----	1,7-16
A		2-4

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP/11652

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 0697774	A 21-02-1996	EP	0697774 A1	21-02-1996
US 2002133733	A1 19-09-2002	NONE		
US 2002131370	A1 19-09-2002	NONE		
EP 1215559	A 19-06-2002	US EP	2003123491 A1 1215559 A2	03-07-2003 19-06-2002
US 2002136335	A1 26-09-2002	NONE		
WO 9111763	A 08-08-1991	EP JP KR WO US	0513196 A1 5507162 T 9512055 B1 9111763 A1 5274545 A	19-11-1992 14-10-1993 13-10-1995 08-08-1991 28-12-1993